

REPAIR QUAN	TITY T	ABLE			
TOP OF DECK REPAIR					
	ESTIMATE	ACTUAL			
FINE MILLING **	2745 SY				
HYDRO-DEMOLITION OF BRIDGE DECK	1479 SY				
CLASS II SURFACE PREPARATION	0.0 SY				
CLASS III SURFACE PREPARATION	0.0 SY				
LATEX MODIFIED CONCRETE - VERY EARLY STRENGTH	80.0 CY				
BRIDGE JOINT DEMOLITION	305 SF				
EPOXY RESIN INJECTION	0.0 LF				
CONCRETE FOR DECK REPAIR	0.0 CF				
DIAMOND GRINDING	1479 SY				
SILANE DECK TREATMENT	1479 SY				

UNDERSIDE OF DECK REPAIR					
	ESTIMATE		ACTUAL		
SHOTCRETE REPAIRS	AREA SF	VOLUME CF	AREA SF	VOLUME CF	
UNDERSIDE OF DECK	0.0	0.0			
OVERHANG DIAPHRAGMS	0.0	0.0			
UNDERSIDE OF OVERHANG	0.0	0.0			
INTERIOR DIAPHRAGMS	0.0	0.0			
	ESTIMATE		ACTUAL		
UNDERSIDE EPOXY RESIN INJECTION	0.0 LF				

VALUES IN CHART REPRESENT ESTIMATED UNDERSIDE OF DECK REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1"BEHIND REBAR AND MINIMUM 2"CLEAR TO SAW CUT. SEE REPAIR DETAILS.

PAYMENT FOR CLASS II AND CLASS III SURFACE PREPARATION IS BASED ON THE SQUARE YARDS OF ADDITIONAL DEMOLITION REQUIRED FOLLOWING HYDRO-DEMOLITION OF THE BRIDGE DECK. SEE "OVERLAY SURFACE PREPARATION" SPECIAL PROVISION.

NOTES:

REPAIR LOCATIONS AND ESTIMATED QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATIONS AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

CONCRETE COVER FOR TOP BARS IN THE DECK SLAB IS $1\frac{1}{2}$ " PER THE EXISTING BRIDGE PLANS.

FOR SECTION A-A AND B-B, SEE "JOINT DETAILS" SHEET.

WHERE DECK DRAINS DISCHARGE DIRECTLY ONTO A BENT CAP, REMOVE DECK DRAIN PIPE AND FILL DRAIN OPENING IN THE DECK WITH GROUT. SEE "MISCELLANEOUS DETAILS" SHEET.

- FOR REPAIRS OF EXISTING DECK DRAINS, SEE SPECIAL PROVISIONS.
- FOR DETAILS ON LONGITUDINAL DECK CONSTRUCTION JOINTS, SEE "TYPICAL SECTION AND SURFACE PREPARATION DETAILS" SHEET.
- ** THE QUANTITY OF FINE MILLING INCLUDES THE CONCRETE BRIDGE DECK, CONCRETE APPROACH SLABS, AND 150 FEET OF THE ASPHALT APPROACH PAVEMENT AT EACH END OF THE BRIDGE.
 - FOR FINE MILLING, SEE SPECIAL PROVISIONS.

IF THE SILANE DECK TREATMENT IS APPLIED WITHIN FIVE (5) DAYS AFTER DIAMOND GRINDING THE BRIDGE DECK AND APPROACH SLABS, SHOTBLASTING IS NOT REQUIRED. IF MORE THAN FIVE (5) DAYS HAVE ELAPSED SINCE DIAMOND GRINDING, THE CONTRACTOR SHALL SHOTBLAST THE BRIDGE DECK AND APPROACH SLABS AT NO ADDITIONAL COST TO THE DEPARTMENT.

FOR SILANE DECK TREATMENT, SEE SPECIAL PROVISIONS.



APPROX. CLASS II SURFACE PREPARATION

BRIDGE JOINT DEMOLITION

APPROX. CLASS III SURFACE PREPARATION

I - 5997PROJECT NO. EPOXY RESIN INJECTION WAKE

COUNTY 910263 & BRIDGE NO. _ 910264 SHEET 1 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION



SEAL PLAN OF SPANS 020208 EAST BOUND

OCUMENT NOT CONSIDERE FINAL UNLESS ALL SIGNATURES COMPLETED

SHEET NO. REVISIONS NO. BY: S-36 DATE: BY: DATE: TOTAL SHEETS

J. MYA DATE : <u>08/2021</u> DRAWN BY : __ DATE : <u>09/2021</u> J. YANNACCONE CHECKED BY: DESIGN ENGINEER OF RECORD: R. NELSON DATE: 09/2021

PLANS PREPARED BY: **Gannett Fleming** Raleigh, NC 27603 (919) 420-7660

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